

In re Patent Application of:
Andre et al.

Application No.: 10/782456

Filed: February 19, 2004

Confirmation No.: @@@

Art Unit: ~~MA~~ 1644

Examiner: Not Yet Assigned

METHODS FOR DIAGNOSING AND TREATING
HEMOSTATIC DISORDERS BY MODULATING P-
SELECTIN ACTIVITY

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
P6	A1	5,622,701	4/97	Berg	424	153.1	
	A2	5,800,815	09/98	Chestnut et al.	424	153.1	
	A3	5,807,745	09/98	Furie et al.	435	375	
	A4	5,843,707	12/98	Larsen et al.	435	69.1	
	A5	6,033,667	03/00	Chesnut et al.	424	153.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A6	WO 93/06863 A1	04/93	PCT			

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	A7	GenBank Acc. No. NM_003005 for Homo sapiens selectin P (granule membrane protein 140kD, antigen CD62) (SELP), mRNA <i>2/3/2001</i>
	A8	GenBank Acc. No. M25322 for Human granule membrane protein-140 mRNA, complete cds <i>4/27/93</i>
	A9	GenBank Acc. No. NM_013114 for Rattus norvegicus Selectin, platelet (Selp), mRNA <i>11/1/00</i>
	A10	GenBank Acc. No. L23088 for Rattus norvegicus P-selectin mRNA, complete cds <i>11/29/95</i>
	A11	GenBank Acc. No. NM_011347 for Mus musculus selectin, platelet (Selp), mRNA <i>11/1/00</i>
	A12	GenBank Acc. No. M87861 for Mus musculus P-selectin protein mRNA, complete cds <i>4/27/93</i>
	A13	GenBank Acc. No. L12041 for Bovine P-selectin mRNA, complete cds <i>7/26/93</i>
	A14	Andre, P. et al., "Pro-coagulant state resulting from high levels of soluble P-selectin in blood," <i>Proc Natl Acad Sci USA</i> 97(25):13835-40 (2000)
	A15	Auchampach, J.A., et al., "Cloning, sequence comparison and in vivo expression of the gene encoding rat P-selectin" <i>Gene</i> 145 (2), 251-255 (1994)
	A16	Berger, G. et al., "P-Selectin and platelet clearance," <i>Blood</i> 92(11):4446-52 (1998)
	A17	Bevilacqua, M., et al., "Selectins: a family of adhesion receptors," <i>Cell</i> 67 (2), 233 (1991)
	A18	Borsig, L. et al., "Heparin and cancer revisited: Mechanistic connections involving platelets, P-selectin, carcinoma mucins, and tumor metastasis," <i>Proc Natl Acad Sci USA</i> 98(6):3352-7 (2001)
	A19	Blann, A.D. et al., "Soluble P-selectin in atherosclerosis: a comparison with endothelial cell and platelet markers," <i>Thromb. Haemost.</i> 77(6):1077-80 (1997)
	A20	Cell, et al., "P-selectin induces the expression of tissue factor on monocytes," <i>Proc Natl Acad Sci USA</i> 91(19):8767-71 (1994)

Examiner

Date Considered

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paul Formica
12/26/06

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1644

For: METHODS FOR DIAGNOSING AND TREATING
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

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B1	Ertenli, I. et al., "P-selectin as a circulating molecular marker in rheumatoid arthritis with thrombocytosis," <i>J. Rheumatol.</i> 25(6):1054-8 (1998)
B2	Ferroni, P. et al., "Soluble P-selectin as a marker of platelet hyperactivity in patients with chronic obstructive pulmonary disease," <i>J. Investig. Med.</i> 48(1):21-7 (2000)
B3	Gurbel, P.A. et al., "Role of soluble and platelet-bound P-selectin in discriminating cardiac from noncardiac chest pain at presentation in the emergency department," <i>Am. Heart J.</i> 139(2 Pt 1):320-8 (2000)
B4	Hartwell, D.W. et al., "Role of P-selectin cytoplasmic domain in granular targeting in vivo and in early inflammatory responses," <i>J. Cell Biol.</i> 143(4):1129-41 (1998)
B5	Haznedaroglu, I.C. et al., "Selectins and IL-6 during the clinical course of idiopathic thrombocytopenic purpura," <i>Acta Haematol.</i> 101(1):16-20 (1999)
B6	Inoue, T. et al., "Serum levels of circulating adhesion molecules after coronary angioplasty," <i>Cardiology</i> , 1999;91(4):236-42 (1999)
B7	Ishiwata, N. et al., "Alternatively spliced isoform of P-selectin is present in vivo as a soluble molecule," <i>J. Biol. Chem.</i> 269(38):23708-15 (1994)
B8	Johnston, G.I., et al., "Cloning of GMP-140, a granule membrane protein of platelets and endothelium: Sequence similarity to proteins involved in cell adhesion and inflammation," <i>Cell</i> 56, 1033-1044 (1989)
B9	Johnston, G.I., et al., "Structure of the human gene encoding granule membrane protein-140, a member of the selectin family of adhesion receptors for leukocytes," <i>J. Biol. Chem.</i> 265 (34), 21381-21385 (1990)
B10	Kopp, H.P. et al., "Concentrations of circulating P-selectin are increased in patients with newly diagnosed insulin-dependent diabetes mellitus," <i>Exp. Clin. Endocrinol. Diabetes</i> 106(1):41-4 (1998)
B11	Palabrica, T. et al., "Leukocyte accumulation promoting fibrin deposition is mediated in vivo by P-selectin on adherent platelets," <i>Nature</i> 359(6398):848-51 (1992)
B12	Pan, J. et al., "Characterization of the promoter for the human P-selectin gene," <i>J. Biol. Chem.</i> 268 (30), 22600-22608 (1993)
B13	Ridker, P.M. et al., "Soluble P-selectin and the risk of future cardiovascular events," <i>Circulation</i> 103:491-5 (2001)

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P. Aug. Gonzalez 12/26/06

Peter Gruber
 10/10/06